

(19) World Intellectual Property Organization International Bureau



(43) International Publication Date 29 April 2004 (29.04.2004)

PCT

(10) International Publication Number WO 2004/036343 A3

(51) International Patent Classification⁷: B65D 81/00

A61B 5/00,

(21) International Application Number:

PCT/IL2003/000837

(22) International Filing Date: 15 October 2003 (15.10.2003)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

60/419,282

18 October 2002 (18.10.2002) US

(71) Applicant (for all designated States except US): S.A.E. AFIKIM COMPUTERIZED DAIRY MANAGEMENT SYSTEM [IL/IL]; Kibbutz Afikim, 15148 Afikim (IL).

(72) Inventors; and

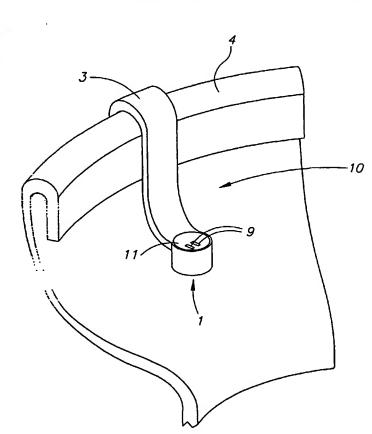
(75) Inventors/Applicants (for US only): SHEMER, Yossef

[IL/IL]; 16 Shikma Street, 36520 Kiryat Tivon (IL). HER-MAN, Zvi [IL/IL]; 4/1 Hakim Street, 35430 Haifa (IL).

- (74) Agent: JEREMY M. BEN-DAVID & CO. LTD.; Har Hotzvim Hi-Tech Park, P.O. Box 45087, 91450 Jerusalem (IL).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO,

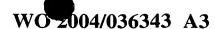
[Continued on next page]

(54) Title: SYSTEM FOR MONITORING THE HEALTH OF AN INDIVIDUAL AND METHOD FOR USE THEREOF



(57) Abstract: A medical analysis system for measuring properties and constituents of urine. The system includes a toilet unit (10) mountable on a toilet bowl (4), readily attachable and detachable therefrom. The toilet unit (10) includes a collection and sampling sub-unit (1) for collecting and measuring the characteristics of urine and an electronics sub-unit (2) for data collection and processing of the measured characteristics. The toilet unit (10) also includes a means for removably fastening the collection and sampling sub-unit (1) inside a toilet bowl (4), permitting ready attachment and removal of the toilet unit (10) from a toilet bowl (4) as desired. The system also contains a wall unit (5) in communication with the toilet unit (10). The wall unit (5) includes means for storing and further processing the data, determining if changes have occurred in the measured characteristics of urine over time.







SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report: 26 August 2004

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IL03/00837

A. CLASSIFICATION OF SUBJECT MATTER					
PC(7) : A61B 5/00; B65D 81/00					
US CL: 600/584 According to International Patent Classification (IPC) or to both national classification and IPC					
B. FIELDS SEARCHED					
Minimum documentation searched (classification system followed by classification symbols) U.S.: 600/584, 573, 574					
U.S 000/304, 5/3, 5/4					
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched					
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)					
1					
C. DOCUMENTS CONSIDERED TO BE RELEVANT					
Category *					
A	US 5,062,304 A (Van Buskirk et al.) 5 November 1991 (05.11.1991), entire document.			1-38	
Y	US 5,119,829 A (Saito et al.) 9 June 1992 (09.06.1992), Figures 16 - 19, Column 15, lines 1,7,15,16,17,18 and				
	3 - 49. 21-23			21-23 1,7,15,16,17,18 and	
Y				21-23	
]	Column 24, inic 03.		1		
1			ļ		
1			i		
1			1		
]			•		
]					
1					
}					
Further documents are listed in the continuation of Box C. See patent family annex.					
· s	pecial categories of cited documents:	«Ta	later document published after the inte		
"A" document	defining the general state of the art which is not considered to be	•	date and not in conflict with the applic principle or theory underlying the inve	ation but cited to understand the inclina	
	lar relevance	"X"	document of particular relevance; the		
"E" carlier ap	plication or patent published on or after the international filing date	- A	considered novel or cannot be consider		
"L" document	which may throw doubts on priority claim(s) or which is cited to		when the document is taken alone		
esmblish	the publication date of another citation or other special reason (as	"A»	document of particular relevance; the		
specified)			considered to involve an inventive step combined with one or more other such		
"O" document	referring to an oral disclosure, use, exhibition or other means		being obvious to a person skilled in the	e art	
"P" document published prior to the international filing date but later than the		"&"	document member of the same patent i	family	
priority date claimed					
Date of the actual completion of the international search Da			nailing of the international search	ch report	
14 May 2004 (14.05.2004)			\ 15 JUL 200	J4 	
			officer		
Mail Stop PCT, Atm: ISA/US		Mary Beta Jones			
Commissioner for Patents P.O. Box 1450					
Alexandria, Virginia 22313-1450 Tele			∌ \$10. (703) 308-0858		
Facsimile No. (703)305-3230					

Form PCT/ISA/210 (second sheet) (July 1998)